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HUGHES | LUCE LLP

ATTORNEYS AND COUNSELORS



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111 Congress Avenue, Suite 900

Austin, TX 78701

512.482.6800

512.482.6859 fax

hughesluce.com

Robert A. McLauchlan

512.482.6869

mclaucr@hughesluce.com

DOCKET NUMBER: 8571:76 CIP

DATE: August 8, 2002

Customer No.: 22444

BOX AF

Commissioner for Patents
Washington, D.C. 20231

Applicants:

Daniel N. Miller et al.

Title:

Method and Apparatus of Asymmetric Injection
Into Subsonic Flow of a High Aspect
Ratio/Complex Geometry Nozzle

Filing Date:

July 21, 2000

Serial No.:

09/621,795

Enclosed are:

Amendment and Response After Final, including marked-up claims (52 pages);
 Fee Transmittal sheet (+ copy);
 Appendix A, Red-lined Figures 1 through 12 on 9 pages;
 RETURN POSTCARD

The Commissioner is hereby authorized to charge any fees prescribed to Deposit Account No. 50-1343 of Hughes & Luce, L.L.P.

Respectfully submitted,

Hughes & Luce LLP


 Robert A. McLauchlan
 Registration No. 44,924
 ATTORNEY FOR APPLICANTS

Date: August 8, 2002
 1717 Main Street, Suite 2800
 Dallas, Texas 75201
 Ph: (214) 939-5500
 Fax: (214) 939-6100

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TECHNOLOGY CENTER R3700

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

Date of Mailing: August 8, 2002

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 Reina R. Bernfeld

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FEE TRANSMITTAL FOR FY 2002 <small>Patent Fees are subject to annual revision.</small>				Application Number	09/621,795																																																																																																																																																													
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				First Named Inventor	Daniel N. Miller																																																																																																																																																													
				Examiner Name	Tae Jun Kim																																																																																																																																																													
				Group / Art Unit	3746																																																																																																																																																													
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Deposit Account: Deposit Account No.: 50-1343 Deposit Account Name: Hughes & Luce, LLP				<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2">Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>Request for Reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Statement</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr> <td colspan="6">Other fee (specify): _____</td> </tr> <tr> <td colspan="6"> • Reduced by Basic Filing Fee Paid Subtotal (3) \$ -0- </td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description		Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)		105	130	205	65	Surcharge - late fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	Request for Reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	920	217	460	Extension for reply within third month	118	1,440	218	720	Extension for reply within fourth month	128	1,960	228	980	Extension for reply within fifth month	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1510	138	1510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive – unavoidable	141	1,280	241	640	Petition to revive – unintentional	142	1,280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	180	126	180	Submission of Information Disclosure Statement	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	179	740	279	370	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application	Other fee (specify): _____						• Reduced by Basic Filing Fee Paid Subtotal (3) \$ -0-					
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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert A. McLaughlin	Registration No. 44,924	Telephone	512-482-6868	
Signature				Date	August 8, 2002

008571.00076:138708.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel N. Miller et al.

Serial No.:

09/621,795

Filing Date:

July 21, 2000

Examiner:

Tae Jun Kim

Group Art Unit:

3746

Title:

METHOD AND APPARATUS OF ASYMMETRIC
INJECTION INTO SUBSONIC FLOW OF A HIGH
ASPECT RATIO/COMPLEX GEOMETRY NOZZLECOPY OF PAPERS
ORIGINALLY FILED
#12/B
8/20/02
Reina R. BernfeldBOX AF
Commissioner for Patents
Washington, D.C. 20231Certification Under 37 C.F.R. 1.8
Date of Mailing: August 8, 2002

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Reina R. Bernfeld
Reina R. Bernfeld

AMENDMENT AND RESPONSE AFTER FINAL

PURSUANT TO 37 CFR § 1.113

Dear Sir:

Applicants respectfully submit their Response to the Office Action mailed May 31, 2002. In view of the following amendments and remarks, reconsideration and withdrawal of the outstanding objections and allowance of this application are respectfully requested. Alternatively, the finality of the Examiner's rejection is respectfully requested. Applicants appreciate the effort made in consideration of this amendment and response by the Examiner.

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